

PTO/SB/80 (11-08)
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Ε	dward J. Ste	36,017								
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P	aul E. White		32,011							
as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned <u>only</u> to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).										
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SIGNATURE of Assignee of Record  The individual whose signature and title is supplied below is authorized to act on behalf of the assignee										
Signature	BruceAMhite					Date October 7, 2011				
Name	1	Bruce A. White					ne 410-2	80-1224		
Title		Secretary								

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/96 (07-09)
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		RADEMA	IEMEN	I UNDER 37 CI	FK 3./3(D)						
Applica	nt/Patent Owi	ner: TeleCommunication S	ystems,	Inc.							
				Filed/Issue Date: January 6, 2004							
Titled:		AND METHOD FOR RE-DI ON-IP BASED NETWORKS		IG REQUESTS	FROM BROWSERS FOR COMMUNICATION						
TeleCo	mmunication	n Systems, Inc.	, a	Corporation	Corporation						
(Name of	Assignee)		·		e, e.g., corporation, partnership, university, government agency, etc.						
states ti	hat it is:										
1. 🔀	the assign	nee of the entire right, title, and	d interest	in;							
2.		an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is									
3.	the assign	nee of an undivided interest in	the entire	ety of (a complete	assignment from one of the joint inventors was made)						
the pate	ent application	n/patent identified above, by vi	rtue of eit	ther:							
<b>A</b> .	the United	An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy therefore is attached.									
OR _	,										
B. <u>X</u>	A chain o		ne patent		t identified above, to the current assignee as follows:						
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	2. From:	Aether Systems, Inc.			To: TSYS Acquisition Corp.						
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X	Additiona	al documents in the chain of tit	le are list	ed on a suppleme	ental sheet(s).						
		y 37 CFR 3.73(b)(1)(i), the do y is being, submitted for record			chain of title from the original owner to the assignee was, 3.11.						
					document(s)) must be submitted to Assignment Division in is of the USPTO. <u>See</u> MPEP 302.08]						
The und	lersigned (wh	ose title is supplied below) is a	authorize	d to act on behalf	of the assignee.						
	reell !	BUL!		<del> </del>	December 22, 2011						
	Signature				Date						
William H. Bollman					Attorney of Record						
	Printed or Ty	ped Name			Title						

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## Supplemental Sheet Listing Additional Documents on the Chain of Title

Patent No. 7,003,571

A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

4. From: TSYS Acquisition Corp.

To: TeleCommunication Systems Corporation of Maryland

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To: TeleCommunication Systems, Inc.

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